

# Continuing Education Provider [CEP] Guidelines

Board of State Examiners of Electricians

2020 Massachusetts Electrical Code

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# TO: All CEPs (Continuing Ed Providers)

Topic: Instructions for renewal of Providership

Provider programs need to be evaluated and re-approved prior to each Code cycle. This handbook is designed to aid you in the process as well as outline expectations using the requirements in the Board's regulations for both new and existing providers. The Mandatory Continuing Education (MCE) program is established as a means of ensuring that with each new code, licensees remain informed and are taught by knowledgeable and qualified individuals in a setting respective of their professional standing and the Board's requirements. Each of the Boards professions namely Electricians and Systems licensees attend classes specific to their needs. The two shall never be combined and CEPs must compose and apply for each program separately. The NEC and MEC are usually adopted simultaneously in MA during the first few weeks of that code year. The current code year is 2017 and it ends when the Board adopts the 2020 release.

As you will be teaching the 2020 code, the lesson plan and handout materials you submit to the Board should show and address how you propose to present the objectives of the 2020 NEC and how you have integrated the 2020 MEC into your training program. You should submit printed materials so the Board's education subcommittee can view your submittal at the meeting and your entire package must be comprehensive. If you use pre-made or modified PowerPoint presentations, a record copy must be provided in the same way. Online Providers are required to present before the subcommittee. Provider approval is contingent upon meeting the requirements of the program. Providers who do not meet the criteria will not be reapproved. After adoption of the code by the Board only Providers who have submitted and received approval for their programs may commence advertising and conducting classes. If you have any questions, please contact the Board office. We look forward to working with you for the new code cycle.

# B. Application Process

### **Defined Providers**

For the purpose of the Board's Continuing Education program there are several types of providers but all instructors of a Providership must be Massachusetts licensed whether in-state or out-of-state. The applications for Continuing Education Provider (CEP) both first time and renewal are included in this booklet and addresses each type. The following are descriptions regarding each type:

### Individual/Private Provider (in-state or out-of-state)

 A person or business who otherwise does not conduct electrical or Systems education courses but through hire of an Individual Provider for the sole purpose of Continuing Ed seminars attains Providership. The Provider is responsible for the entire preparation and running of the program nonetheless and may assign administrative interactions through the company staff. The Providership status remains with the individual when all ties with the company are severed.

### Occupational School Provider

A private occupational school applying for Providership through its' instructors by-hire
or assignment of existing instructors to prepare and run the MCE program. The
individual is responsible for maintaining secure records but ultimately the school's
director is responsible and beholden to the Board.

### Vocational School Provider

A Vocational school evening program applying for Providership by and through its
instructor by hire or assignment of existing instructors to prepare and run the MCE
program. The individual must enter an agreement with the School and provide the
agreement form with its application. The individual is responsible for maintaining secure
records but ultimately the school's director is responsible and beholden to the Board.

Trade Association/ Employment organization Provider

A Trade association or employer trade organization applying for Providership to provide
 MCE for its members only. The organization is assigned a provider number and cannot transfer the providership to another individual or entity.

When a completed application is submitted to the board office it is usually forwarded to the Education Subcommittee for review. The subcommittee will consider any administrative report of the Provider's history and any failures to comply or negligent occurrences and determines whether the Provider may be reapproved for the new cycle.

Following the review process for all documentation and background checks, the Board will notify the provider of the decision or any actions to be taken.

Pursuant to 237 CMR 17.02 (5) Renewal of application for providership shall be submitted on a prescribed form or other medium acceptable to the Board for its review and approval not later than 90 days prior to the adoption of a promulgated Electrical Code.



# The Commonwealth of Massachusetts Division of Professional Licensure

1000 Washington Street Suite 710 • Boston, Massachusetts 02118-6100

### **Board of State Examiners of Electricians**

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### CEP RENEWAL APPLICATION

1. Type of Provider application (check as applicable and attach listed documents):

Individual Provider				☐ A& B program	C&D program
Program specific requirement:					
✓ \$10,000 bond			•		
Proprietary School Provider			*	A& B program	C&D program
Program specific requirements:					
✓ Bond (based on annual					
✓ Provider Agreement					
Nb: Providership remains with th		-			
☐ Trade or Employer institution	on provider			A& B program	C&D program
Program specific requirements:					
✓ Provider Agreement				-	
Nb: Providership remains with the	ne institution				
Evening School Provider	•			A& B program	C&D program
Program specific requirements:					
✓ Provider Agreement	•				
✓ \$10,000 bond	hl				
Nb: Providership remains with th	e school				
				•	
Institution		Indivi	dual/rep. Prov	idar Nama	
Histicucion		indivi	duat/rep. Prov	idei name	
				-	
Provider No.		Stree	t Address	-,	
City			State		Zip Code
			Diaco	• •	Zip code
					•
Day time Phone Number	Evening Phone Number		Email Address	s to be used for all sub	omittals
( )	( )	:			
MA A&B License nos.			MA C&D Licen	ise nos.	
•					
Out-of-State License nos.			Out-of-State	License nos.	
	,				

Individuals who are agents of a school or trade institution; where the providership belongs to the program; should complete this agreement:

In connection with an application to renew MCE provider status in furtherance of the Massachusetts Board of State Examiners of Electricians' (hereinafter 'the Board) Mandatory Continuing Education (MCE) requirements as established in 237 CMR 17.01 and 17.02

1.	, agree to be the agent on behalf of the following institution
,	(Print Name)
	and hereby acknowledge the following:
	(Print Name of Institution or Vocational School or Association if applicable)
1.	All instructors associated with my Providership are listed and also hold licenses in good standing.
II.	As a Provider I am responsible for the transmittal of all CE records completed by all attendees of this program, I will ensure all records are accurately provided.
111.	I attest that I will not issue certificates to anyone who hasn't completed the MCE requirement.
IV.	I understand the importance of keeping my information and syllabus up-to-date with the Board.
٧.	I understand as a Provider that the Commonwealth may recover and be compensated for any expenses that I cause due to any errors and omissions by myself or made on my behalf.
VI.	I understand as a Provider that the misuse of my Provider status may be grounds for the Massachusetts Board of State Examiners of Electricians to initiate formal disciplinary action which may result in the suspension or revocation of any license and privileges associated with my Provider number. M.G.L.c.112§61.
VII.	I understand that it is my responsibility to familiarize myself with the various aspects and duties of the CEP program and unburden the Board and its staff. CEPs demonstrating inability to conduct the program efficiently will be reevaluated by the Board as grounds for removal of providership status.
/III <b>.</b>	I will not hold the Board responsible for any failure on our part to successfully conduct seminars and transmit records.
IX.	I understand that failure to meet the aforementioned requirements and standards will result in the removal of providership status.
	Signed under the pains and penalties of perjury.
	Signature of Provider Date



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### **NEW CEP APPLICATION**

1. Provider application Type	e <b>:</b>			ı
☐ Individual Provider Program specific require ✓ \$10,000 bond	ements:		A& B program	C&D program
Proprietary School I  Program specific require  Bond (based or  Provider Agreer  Nb: Providership remain	ments: n annual earnings and secretary of f nent	inance)	A& B program.	C&D program
Trade or Employer in Program specific require  ✓ \$10,000 bond ✓ Provider Agreer  Nb: Providership remain	ments:		A& B program	C&D program
Evening School Prov Program specific require ✓ Provider Agreer ✓ \$10,000 bond Nb: Providership remains	ments: nent		A& B program	C&D program
School/Institution/Company		Individual/rep. prov	rider Name	
Street Address				
City		State	·.	Zip Code
Day time Phone Number ( )	Evening Phone Number ( )	Email Address (used	for all file submission	5)
MA Master or Systems Cont. L	icense no. (required)	MA Journeyman or S	ystems Tech License n	o. (required)
Other State License(s)	· · · · · · · · · · · · · · · · · · ·	Other State License	(s)	
MA Office of Private Occupati	ional School education license No.	Other certification(s	;)	
2. Were you ever a MA MCE p	rovider in the past?	es No		
If yes explain reason for prior r	•	•		

Name	Primary phone num	ber	Last issued MA lice	ense No
	•		,	
•	,			
			_	
<u> </u>				
	oply for approval from the Board of			
rrent Massachusetts Electrical	oply for approval from the Board of Code 527 CMR -12.00. I agree to all nerein are accurate and true. This	oide by all Board Re	gulations governing	the MO
rent Massachusetts Electrical	Code 527 CMR -12.00. I agree to al	oide by all Board Re	gulations governing	the M
rent Massachusetts Electrical	Code 527 CMR -12.00. I agree to al	oide by all Board Re	gulations governing	the MO
rent Massachusetts Electrical	Code 527 CMR -12.00. I agree to al nerein are accurate and true. This	oide by all Board Re	gulations governing	the M

# C. Signed Agreement

### a. Provider and Institution Agreement

An agreement between the Provider and the Institution for which the application is being submitted is also an agreement with the Board. It establishes an understanding that the provider as the agent has a responsibility to conduct business within the requirements of the regulations and on behalf of the institution maintains all records pertaining to the CE program and acts as liaison for the Institution with the Board. Upon severance of the contract between the agent and the Institution during an active cycle the providership remains with the institution until the procurement of another agent.

By signing the application for Providership and the agreement, the agent recognizes that he or she has an obligation that can be enforced by a formal adjudicatory process that could result in suspension or revocation of any license issued by this Board.

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### **AGREEMENT**

١.	This Agreement is by and between	and
		t Name of Licensee)
		to act as agent in connection with an application for CE.
	(Name of Institution or Vocational School)	
(		ollowing obligations in furtherance of the Board's Mandatory 237 CMR 17.00 on behalf of the aforementioned institution and
П.	I have a current electrician's license(s) in good sta	anding issued to me by the Board and if applicable my state.
III.	I am responsible for keeping accurate records of M	
IV.	·	ons who have not completed the MCE requirement.
٧.	I will issue a certificate of completion to all indivi	•
VI.	I understand the importance of keeping my inform Board.	ation and course materials and information up-to-date with the
VII.		rovider status may be grounds for the Massachusetts Board of disciplinary action against my providership and if deemed with my License(s). Per M.G.L.c.112861.
VIII.	As a Provider I agree to attend any Provider semin	
IX.	I understand that failure to meet the aforemention Providership approval status.	ned requirements and standards will result in the removal of
T	he School or organization acknowledges	
х.	All instructors associated with this Providership are standing.	e listed on the application and also hold their licenses in good
XI.	We are responsible for the security of records kept	in association with the Providership.
XII.	We understand as a Provider that the Commonwea of errors and omissions made on our behalf by our	lth may recover and be compensated for any expenses as a resul agents.
XIII.		ioned requirements and standards will result in the removal of
	Providership approval status.	
_	Signature of Agent	Date

Date

Signature of School Director

# D. Surety or Performance Bond

Providers who charge their students to attend courses are required to have a performance bond for the protection of students who enroll in their program to provide compensation where the provider failed to present, deliver, or otherwise provide an approved program for the required duration. This bond requirement; which is currently set at \$10,000 is payable to the commonwealth to cover any and all persons or entities wronged by negligent, purposeful, or accidental omission, cancelation, failure to provide, or other action or process that adversely affected the licensee or student, including physical access related matters.

Existing programs should have a bond in place and proof of the Bond shall be submitted at the time of renewal. The form provided on the page following is an example and may be used by your insurance agent. The Bond may be acquired at the outset and proof of the Bond submitted either at the time of application or; without fail; upon receiving Provider approval from the Board.



Effective Date of Bond

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### SURETY BOND FORM

CONTINUING EDUCATION PROVIDER

	ı. I	Policy/Bond nu	ımber:	
Know all persons by these p.	resents: that,	(Prc	ovider)	
	(city) in the state of		Principal	and
			company) of	
	a institution e			
(,) —	and duly authorized to transact the b			h of Massachusetts, as
Surety, are held and firmly b	ond unto the Commonwealth of Massac			
• • • • • • • • • • • • • • • • • • • •	the Commonwealth or to the Director of	•	•	
* -	v do jointly and severally bind themselve			_
and each and every one of th				-,
				•
determined by the Division of by students to recover dam continuing education program liability of the surety under the provided further that the liad damages. This bond shall no bond be relevant in determining the surety may cancel this boy certified mail, thereafter so	tion is such that whereas, if the said of Professional Licensure or a court of chages resulting from fraud or misrepression or from a breach of contract, then the his bond for all breaches of the conditionability of the surety under this bond should be amount of damages or other relies ond by giving 90 days notice in writing surety shall be relieved of any liability this bond is continuous until cancelled by	competent juristics esentation use is obligation some of the bond hall be limited otherwise available to which any to the oblige for any breactions.	sdiction, in both actions and in procuring enrollm hall be void, provided, hall, in no event, exceed to indemnifying the clailable pursuant to law, ray plaintiff may be entitled. Director of the Division	by the Division and actional tents in a Board approved however, that the aggregated the sum of this bond; and laimant only for the actual nor shall the amount of the d.  The of Professional Licensure is the sum of Professional Licens
In witness whereof, the said S	Surety has signed and sealed this instrum	nent this	day of	Year
Name of Authorized Agent of	f Surety (bond/insurance Company)	Signature o	f Authorized Agent of S	urety
Address of Authorized Agent	of Surety			<del></del>
Address of School		·		<u> </u>

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# E. Instructor Qualifications

For the 15-hr CE portion of the 21 hrs of mandatory Continuing Education licensees must complete, instructors are required to be MA licensed electricians in good standing per 237 CMR 17.02(2)(a). As for the Professional Development portion, instructors should also be technically qualified and certified to teach the topics being offered.

A resume or other similar document must be submitted for each instructor containing the following minimum data:

- Full name
- Mailing Address
- email and phone
- MA License number
- Relevant work history
- Relevant education history
- Demonstrated qualifications

15 hr MCE Providers must comply with the following regulations:

### 17.02: Requirements for Continuing Education Providers and Seminars/Courses

- (1) <u>CEP's must be Board approved.</u> The Board may withdraw its approval of any provider or course for good cause shown.
- (2) CEP's shall notify the Board in writing of any change of his or her instructors within ten days of the change.
  - (a) All course instructors, whether teaching independently or employed by an approved provider, shall be Massachusetts licensed electricians.
  - (b) CEP's shall attend any Board-sponsored seminars/courses on the proper content, administrative procedures and data transfer.
- (3) Seminar/Course Sponsors Records.
  - (a) CEP's shall maintain for a period of ten years complete and accurate records on each licensee who has completed continuing education;
  - (b) <u>Certificate of completion of Continuing Education Seminar/Course</u>
  - CEP's shall provide attendees certificates of completion which contain the following:
    - 1. CEP number
    - 2. CEP name and Massachusetts license number
    - 3. Instructor signature signed under pains and penalties of perjury
    - 4. Date of course and hours completed
    - 5. CEP contact phone number
    - 6. Name of attendee and license number(s)

- (c) <u>Certificate of completion of Professional Development Seminar/Course</u>
  As the Board generally does not approve Professional Development sponsors, Licensees shall be solely responsible for obtaining certificates of completion from their sponsor for any Professional Development seminars/courses taken. Such certificates of completion must contain the following:
  - 1. Subject matter
  - 2. Date of course and hours completed
  - 3. Course Sponsor's name
  - 4. Speakers name
  - 5. Name of attendee
- (d) CEP's shall maintain in electronic medium the names, license number(s), of all licensees attending the continuing education seminar(s). A copy of such shall be submitted to the Board within ten (10) working days of the completion date of such seminar.
- (4) Falsification of any information relating to the requirements of 237 CMR 17.00 by a CEP shall be grounds for the withdrawal of Board approval of the CEP and, where Board licensee(s) are found to be involved, the initiation of formal disciplinary proceedings against such licensee(s).
- (5) Renewal of application for providership shall be submitted on a prescribed form or other medium acceptable to the Board for its review and approval not later than 90 days prior to the adoption of a promulgated Electrical Code.

# F. Expected Outcome

The purpose of MCE is to maintain knowledge of the code, acquaint persons with the revisions, allow participation in discussions to understand the application of the code, and to improve some skill, knowledge, or ability through education about the code and new or less understood areas of the electrical trade.

MCE requirement consists of two parts for licensees and three for Inspectors of Wires. As covered in 237 CMR 17 and 18 the parts are: a 15-hr continuing education component which covers code update information; a 6-hr professional development seminar or lesson for all licensees; and a 6-hr inspector only professional development seminar or lesson which is specifically developed to be relevant to inspectors.

The purpose of the 15-hr CE class is to convey the changes to the MA electrical code, relate the amendments to the NEC, identify code changes and how they relate to the practice, and to review the board related topics (laws regulations, advisories, bulletins, and inspectional related changes) that may have occurred. It is important that the outcome or terminal objective be consistent amongst the various classes and seminars. The content of the 15-hr course has to be inclusive of the significant changes but the method of instruction and delivery by the instructor can be different. The instruction should be thorough and can be tailored to the audience, but needs to cover all relevant changes. The more that it is able to involve the licensee, the more effective the class will be. Asking licensees to find something in the code book, or asking simple questions on which section of the code would apply, can sometimes be very useful learning tools.

The objectives of the 15-hr class should prepare the licensee to:

- 1. Identify in the current NEC how the changes are indicated.
- 2. Locate the changes as discussed by the presenter.
- 3. Use the code book to answer code related questions.
- 4. Relate the MA amendments to the NEC requirements.
- 5. Use the code book and the related references to incorporate the changes into the conduct of business as a licensee.
- 6. Interpret code articles and explain how informational notes are used.
- 7. Use the appendix to supplement the code sections.

The purpose of the 6-hr professional development class is to teach the licensee a topic that can improve a skill, knowledge, or ability in the trade or keep a licensee current with changes that are occurring in the business or trade. Technical topics can help expound on subjects and concepts that the code does not fully explain. For instance, grounding and bonding takes up a relatively small section of the code, but it is so important for operation and safety of an electrical system that a professional development class can go on for more than 6 hours and only brush the surface of the topic. Non technical topics also help to better the trade. Topics like CPR/First aid, business accounting, invoicing, OSHA, driving safely, and office related topics can help keep licensees safe and productive. The concept is that a licensee is required as part of the criteria for relicensing to attend some "new" or "non code update" seminar every code cycle and learn something that will hopefully help enrich his or her work experience in the trade.

## G- Code of Conduct

All of the instruction provided as MCE, refresher, exam prep, and the initial training must be done in a way that the trainees have the best and safest possible learning environment. The Instructor should also have a safe and learning conducive opportunity. To help accomplish this, accepted standards of behavior should be stated and posted. Established behavior standards can set the expectation for all to follow. If a student becomes overly disruptive, the instructor should be able to expel the student for the safety and courtesy of the other learners. The student should be given respect and an informative lesson. This environment produces favorable results.

Sample "Code of Conduct" statements have been provided and can be used in conjunction with your refund and application processes. The basic expectations are:

- Punctuality
- Attendance for entire class
- Non-disruptive behavior The class should not have to sit through ranting and raving, from the students or the instructor. Respect the rights of others.
- Alert and attentive behavior sleeping and snoring is disruptive and interferes with the learning of others.
- Silenced Cell phone and electronic devices while class is in session
- Code books and applicable references required.
- Refrain from use of alcohol, dangerous weapons or controlled substances.

# **Code of Conduct- Provider**

### As an Approved Provider, I am expected to:

Conscientiously strive for excellence in my program.

- Arrive at class and conducting classes on time
- Encourage active participation in class discussions and other meetings
- Be fully prepared for classes

Be accountable as an individual for my ethical conduct and for compliance with applicable laws, policies and directives.

- Provide instruction on required scope of material.
- Provide proper documentation, including certificates.

### Maintain confidentiality when appropriate

• Protect personal information such as SS, MV driver's license and credit card information.

Foster an environment in which every member is provided respect.

- Conduct myself with integrity in my dealings with licensees.
- Abstain from harassing behavior.
- Listen to and respect the opinions of all attendees.
- Focus attention on what is happening in class.
- Avoid and prohibit the creation of distractions.
- Prohibit the use of computers or cell phones during class, events or meetings except when authorized.
- Require and wear appropriate attire.
- Respect the rights and dignity of others.

# Code of Conduct – Attendee As an Attendee, I am expected to:

### Be Respectful of others

- Arrive on time and return from breaks on time
- Avoid disrupting the instructor and others from participating

### Avoid distractions

- Silence your cell phone or other communication device.
- Limit talking to asking questions at the right time or sharing information.
- Get good sleep the night before to avoid feeling tired.

Disruptions and unprofessional behavior may result in expulsion from class and forfeiture of payment. They include, but are not limited to:

- Arguing, fighting, horseplay.
- Physical abuse, verbal abuse, threats, intimidation, harassment, coercion and/or other conduct which threatens or endangers the health or safety of any person.
- Attempted or actual theft of and/or damage to personal or public property.
- Failure to comply with orders or directions of instructor or law enforcement officers acting in performance of their duties and/or failure to identify oneself to these persons when requested to do so.
- Violation of federal, state, or local law on premises, including but not limited to the following:
  - Use, possession or distribution of narcotic or other controlled substances except as expressly permitted by law; or
  - Illegal or unauthorized possession of firearms, explosives, other weapons, or dangerous chemicals on college premises.
  - Intoxication, use, possession or distribution of alcoholic beverages except as expressly permitted by law.

# H. Recordkeeping Requirements

### General:

Recordkeeping requirements are established for providers and licensees. The minimum requirements document attendance, verify that the licensee is who he or she says they are, documents completion of the required class, and maintains a history for at least three code cycles for audit purposes (10 years minimum per 237CMR 18.02(3),(4) and 237 CMR 17.02(3).

### Provider Recordkeeping Duties:

- Verifies licensee governmental photo identification (driver's license, passport, DMV identification card, etc.) and compares to applicable electrical license(s) or to license data.
- Creates attendance list(s) with all names (including generation-Jr., III, Sr. etc) and acquires a signature (sample form provided)
- Provides written agreement for licensee to sign
- Conducts and records attendance a minimum of three times daily, twice at time intervals
  that reasonably coincide with formal starts, stops, breaks and lunch periods and once
  randomly.
- Records attendance for attendees only
- Maintains records for 10 years and provides copies to Board staff upon request.
- Gives each attendee a certificate indicating completion.
- Maintains computer records and access to the program.

### Licensee Recordkeeping Duties:

- Provides proper photo and license information to the provider.
- Follows attendance verification requirements.
- Retains a copy of any and all certificates for a minimum of 10 years.

Record tampering and falsification of records will not be tolerated. Improper or fraudulent identification verification, relaxation of the hours of attendance, recording attendance for someone who did not attend, failing to provide records, or other improper breach of recordkeeping shall result in penalties up to and including possible license action (advisory, fine, sanction, suspension, revocation) and loss of the ability to be a provider.

(237 CMR 17.01 (7)) "Falsification of Information; Illegal Transfer. The falsification of any information relating to the requirements of 237 CMR 17.00 and/or the transfer of a certificate of completion of continuing education and or a certificate of completion of professional development to any individual for purposes of license renewal application shall be grounds for the initiation of formal disciplinary proceedings to revoke or suspend the license(s) of the license(s) involved in such misconduct."

# H. Recordkeeping Requirements

### c. Attendance, Roster/Sign in

A licensee is required to show positive identification upon request at registration. The licensee is also required to show his/her license when working at the trade. A license is not necessary to attend Continuing Education classes but is necessary for applying appropriate credit to license records which are legal records, in which case requires utmost accuracy in verifying the licensee name, license number and type and that the form of identification allows the provider to verify that the person attending matches the license record to which the credit is applied. Address and duplicate request forms may be made available for convenience however licensees are responsible for submitting to the Board office with the appropriate fee (no fee for address changes which also may be submitted online).

Complete attendance is mandatory and the responsibility of the Provider for maintaining the record of attendance. Falsification of information by the attendee is grounds for expulsion from the class and forfeiture of credit for the course. The Provider's posted attendance policy should state clearly all penalties. Falsification of information by the Provider is grounds for non-renewal of providership and may include sanctions against their license.

237 CMR 17.02: Requirements for All Providers and Seminars/Courses

(5) **Falsification of Information by Provider**. The falsification of any information relating to the requirements of 237 CMR 17.00 by the provider shall be grounds for the withdrawal of Board approval of the provider and, where Board licensee(s) are found to be involved, for the initiation of formal disciplinary proceedings against such licensee(s).

As a provider, you are required to observe and report abuses, control distractions, electronic device use etc. Failure to adequately maintain attendance can result in non-renewal of providership. The integrity of the program is reliant upon cooperation of the licensee with the provider to ensure that the objectives are met.

The attendance record shall contain the following information:

Provider number and name Course date, location, and topic Indication whether 15-hr CE or 6-hr PD

Nb. (A sample attendance form has been provided.)



# **Mandatory Continuing Education Attendance List**

Provider No:	Class Session.: Instructor:							
Last Name	First Name	License No.	Type A,MR,JR,E,B,C,D	Signature				
				. •				
	·							
	·							
				,				
				·				
· .								

# H. Recordkeeping Requirements

### a. Data File Records:

Providers are required to document licensee completion of continuing education and to upload the data to the Board license records via a csv file. The file is created using an Excel Spreadsheet with the required fields and saving the file with the correct name and csv extension. The state uses a web based file transfer point called Interchange. When the Board approves you as a CEP, you are notified of your assigned Provider number sometimes referred to as a Provider Code. When you are a new provider in preparation for submitting files you will receive two emails, one with the user name (usually the email address you provided) and one with the password.

Licensees are required to retain copies of their certificates of attendance for at least 3 code cycles (hence, approx. 10 years). In case of an audit, the licensee shall provide evidence of having attended required MCE classes for renewal of licensure. If for some reason the licensee cannot locate or produce the paper record of attendance, licensure status may be affected. For these reasons it is extremely important and required by regulation to issue certificates to licensees.

The next page provides a guide to setting up Interchange and a sample of your Excel file with the required fields and the file naming convention.

# Guide to login to Interchange and submitting Continuing Education (csv) Files to the Division of Professional Licensure:

Congratulations on being approved to provide continuing education to our licensees!

Now that you have been approved, the first step is to set up your Interchange account which will allow you to securely transmit the files to us.

You should receive an email from Interchange (The Commonwealth of Massachusetts Secure File and Email Delivery System). Please note this will come from a state email address that looks something like, <a href="mailto:Interchange@mass.gov">Interchange@mass.gov</a>. If you do not receive this email within 48 hours please contact <a href="mailto:jeff.hersh@mass.gov">jeff.hersh@mass.gov</a>

Follow the instructions within the email to set up your interchange account and once you are set up and logged in you are ready to send us your continuing education files. The interchange site address will be provided within this email but in case you misplace that, the address to book mark is <a href="https://ics.mass.gov/DynIC">https://ics.mass.gov/DynIC</a>

You should be automatically directed to the "Transfer" page upon logging in. On this page:

- 1. Transaction Name: enter a transfer name (this is essentially a subject line so you can enter whatever you like, but we recommend "CE file from provider for MM/DD/YYYY").
- 2. Retention Period: leave as is
- 3. Recipient Emails:
  - Check the System Group box.
- 4. Upload your document using the Choose file button.
  - BE SURE YOU ARE UPLOADING ONLY .CSV FILE TYPES! Excel spreadsheets will not be processed. To create a .csv file simply chose this as the file type when you save your document on your computer.
  - Be sure you have named the file as required "CE\_Intake\_File\_MMDDYYYY" (the date noted in the file name should be the date you are sending the file)
  - 5. Click Send Files.
- 6. Check that the next screen has the words "successfully sent to" with all your recipients listed. If there is an issue with sending to any of the addresses you have provided you should see a message stating "not able to send to the following users" with the address at issue listed. Please contact <a href="mailto:jeff.hersh@mass.gov">jeff.hersh@mass.gov</a> if you receive this message regarding the required email address <a href="mailto:dpl@ceuelicensing.ics.mass.gov">dpl@ceuelicensing.ics.mass.gov</a>

### Changing your password:

If you wish to change your password from the one assigned in the original email you may do yourself anytime by going to the "Profile" tab on the above noted "Transfer" page and from there just choose "Change Password" See below screen shot for more details:

Transfer Inbox Sent Invite	Advanced Search Profile History Logout
My Profile	
USERNAME jeff.hersh@mass.gov NAME	
EMAIL jeff.hersh@mass.gov PHONE NUMBER N/A	
Edit Profile  Change Password	

Below is a sample shot of what the "Transfer" page looks like in Interchange: \int 🖨 :: Transfer Page :: ← → C 🖺 https://ics.mass.gov/DynIC/ShowTransferPage.do?id=transfer 🟭 Apps 🛊 Bookmarks G Google 🗬 Production:: Interch.... 🖨 Prod-To Add Usen: I... **Interchange File Transfer** Transfer Inbox Sent Invite Advanced Search Profile History Logout Transfer \* Marked fields are required. TRANSACTION NAME (MAX 256 CHARACTERS)\* test email RETENTION PERIOD (IN DAYS) RECIPIENT EMAILS\* System Group dpl@ceuelicensing.ics.mass.gov **MESSAGE (MAX 900 CHARACTERS)** UPLOAD DOCUMENTS Choose File | CE\_Intake\_File\_mmddyyyy.csv Choose File No file chosen Choose File No file chosen Choose File No file chosen

Add More Files

Send Files

# CE\_intake\_file\_ddmmyyyy.csv

			_		· T	1
	Code Cycle	C2025	C2025			
Course	Hours	15	15			
Course	Number					
	Course Name	300 549 1/1/2020 2020-NEC-C2025	1/1/2020 2020-NEC-C2025	- And the state of		
Course	Date	1/1/2020	1/1/2020			
DPL	Pin	549	549			
Provider	Code	300	300			٠
Туре	Class	В	А			
License	Number	12345	62/89			
Board	Code	固	EL			

FA submittals are submitted in a separate file as noted below not mixed in with EL

	Code Cycle	C2025	C2025			
Course		15	15			
Course	Number					
	Course Name	2020-NEC-C2025	1/1/2020 2020-NEC-C2025		The section of the se	
Course	Date	549 1/1/2020	1/1/2020			. Anterbolish
DPL	Pin		549			
Provider	Code	300	300	į		
Type	Class	D	C			
License	Number	1234	567			
Board .	Code	FA	FA			

## I. Class Resources and Materials

Each licensee attending the MCE class shall be required to have a current version of the NEC and MEC for use in the class, regardless of when the next code is scheduled to be disseminated. It may be a published version of NFPA-70, NEC Code Handbook, NEC electronic version or any media available non- audio version. The following resources are required to be available in the classroom:

- MEC current version
- NEC (NFPA -70) current version
- Reports of Proposals (ref.: 237CMR 18.02(3)(b))
- Reports of Comments (ref.: 237CMR 18.02(3)(b))
- NFPA -70E (ref.: 237CMR 18.02(3)(b))
- NFPA -72 (ref.: 237CMR 18.02(3)(b))
- Board Policies and Guidelines (ref.: 237CMR 18.02(3)(b))
- Applicable Building Code References (ref.: 237CMR 18.02(3)(b))
- Refund policy
- Attendance policy (including make-up policy)
- Applicable and relevant references as needed (ref.: 237CMR 18.02(3)(b))

# J. Facility Requirements

- Facilities used for MCE shall afford reasonable accessibility. Stairs and other impediments should be avoided.
- Seating should be available for all attendees. Seating should be safe and appropriate.
- Fire code compliant facilities shall be used.
- Maximum allowable (posted) shall not be exceeded.
- Exits shall be properly marked and pointed out to the students. Unobstructed egress routes are required.
- The room shall be free from distractions. Noise in room, travel routes, and adjacent noises shall be eliminated or minimized.
- Climate temperature, lighting, and air quality shall all be acceptable.
- Parking and access should be adequate.
- No alcohol is allowed or served in the room used for instruction.
- No smoking or tobacco products are allowed in the classroom.
- Housekeeping and trash should be acceptable.
- Toilet facilities shall be available in sufficient numbers and be clean and functional, including adequate hand wash access.
- Potable drinking water shall be available.
- Emergency contact information and means shall be available and posted.

### K. Policies

#### a. Refund Policy

The policy regarding refunds must be defined and posted so that the attendee knows prior to enrolling in what instances and the method of fee recovery. It goes without saying that in addition the policy has to be clear and legally enforceable.

It should also state if a deposit is required, when it is due and any events that will cause forfeiture. Otherwise you should disclose all costs (materials, supplies, food, parking, etc.) and describe if any of the costs are reimbursable and by what method (cash, check, debit, credit to account, etc.).

The policy should disclose if there is to be reimbursement upon failure to attend, late arrival, partial completion or early departure that is voluntary or involuntary. Make up classes for excusable absences, that are deemed valid by the provider, shall be conducted to cover the approximate material that the licensee missed prior to awarding a certificate and data transmission.

Note that MGL c 255 section 13K covers legal requirements for "Every written contract between a trade school, business school, vocational schools, technical schools, correspondence schools, dance studio, professional or proprietary school,... and any person who is to receive physical, metal, or emotional benefit there from..." Your contract may have to comply with this law,

### K. Policies

#### b. Attendance Policy

As mentioned prior, attendance for the entire seminar or class is mandatory for all attendees. Documentation and demonstration of a thorough method of recording attendance shall be required as a condition of provider approval. Clock hours are used in the determination of completion and breaks in excess of 5 minutes or in entirety of 15 minutes total for the 15 – hr or 6 – hr class presentation shall be excluded from the instructional time.

Attendance records shall be made available to the Board within a10 days upon request. Failure to maintain, retain or provide records per 237 shall be grounds for removal as provider and disciplinary action against the license(s) held by the provider and/or the instructor(s).

Make up classes for excusable absences (to be evaluated by the provider) shall be conducted to cover the approximate material that the licensee missed prior to certificate presentation and data transmission. Each provider is required to post the attendance policy including make-up policy in a conspicuous manner.

Per 237 CMR 17.01(b):

"(b) Exemption of 15/6 Hour Programs. Instructors and or providers who teach two 15 clock hour seminars/courses per cycle on the Massachusetts Electrical Code and related rules, regulations and topics are exempt of the continuing education requirements."

Credit will require the instructor or provider to request the exemption in writing providing name, provider number, and the dates of said courses upon which the exemption is reliant.

### K. Policies

#### c. Fees and Rates

The Board of Electricians does not currently set rates or fees for MCE courses. Providers are responsible for setting fees and rates. Providers are required to publish or post the fee rate, the payment methods, and the refund policies. Refunds shall be made in accordance with the policy and in a reasonable time.

The fees structure is required to be complete and all inclusive. If fees are charged beyond attendance fees, then they shall be disclosed prior to enrollment. A good place to document this would be at the time of registration and by ensuring whatever you use for an application to attend is signed. Charges for duplicate certificates, late enrollment, cancellation, make-up, refreshments, handouts, books, or other materials shall be posted or disclosed.

For performance related deficiencies, the Board may utilize the performance bond to refund costs or payments made by the attendee, licensee, or Division.

### L. Evaluation

The Board must monitor the education programs in its purview for quality and fairness.

In order for the Board to do this effectively it relies on having some kind of feedback mechanism in place.

The Provider program was established with a course critique as a feedback mechanism that would provide critical comments and evaluations of the entire class in an anonymous format. Providers should review the comments supplied as it will indicate any areas the Provider may need to pay special attention to or improve. A sample form has been provided for use but you may formulate a different form as long as the same type of evaluative content is used.

Each student shall be provided an evaluation form and the completed evaluations shall be forwarded to the Board office providing the feedback the Board needs to determine how a Provider is performing.



## MA BOARD OF ELECTRICIANS CEP EVALUATION FORM

15-HR CE Class □		15-HR Makeup CE Class □		6-HR PD Class □				
Class Date:		Provider:			Instructor(s	s):		
			•				*	
	se circle the number to indica course	te your level of	agreement/c	lisagree	ement with	ı each o	of the aspec	cts of
1.	The program content met my	needs.	<u>Disagre</u> 1	<u>ee</u> 2	. 3	4	Agree 5	•
2.	Length of the course was adequate		1 .	2 .	3	4	5 .	*
3.	What did you like most about	the course?	•					
4.	What specific things did you li	ke least about th	e course? _					
				***************************************				
· E	Changes to the eads were ide	ntified and	<u>Disagree</u>	2	3	4	Agree 5	
5.	Changes to the code were ide discussed.	mined and		2	S	4	5	
6.	Regulations and laws pertaining to the trade were reviewed.		1	2	3	4	5	
7.	Current issues with policies, guidelines and general changes were reviewed.		1	2	3	4	5	
8.	Safety related issues relating telectrical trade were discussed	1	. 2	. 3	4	5		
9.	Content was presented compleand in an understandable mar		<b>1</b> .	2	3	4	5	
10.	The instructor(s) was (were) ki	nowledgeable.	1	2	3	4	5	
	Comment:							
<b>11.</b>	The rules for attendance, make up, and refund policies and the code of conduct were posted or explained.		1	2	3	4	5	
12.	I will use what I learned in my	ob.	1	2	3 .	4	5	
Rev 8/	/12/2019							

		<u>Disagre</u>	<u>e</u>			<u>Agree</u>	
13.	Instructor was responsive to questions/comr	nents 1	2	. 3	4	5	
14.	Teaching aids/audiovisuals were used effect	ively 1	2	3	4	5	
15.	Content presented was applicable to my job Comment:		1 2	3	4	5	
16.	Handout material was complete and legible		1 2	3	4	5	
17. As	a result of attending this course (check all thatI gained one or more specific ideas that IIt may help me do a better jobI do not see the impact of this course onOther	can imple my job.					
18. <u>Fa</u> the ite	<u>cilities/Arrangements</u> (Circle the appropriate m is not applicable to you.)				atisfactio	on or circl	e NA if
A 1 :		Jnsatisfac	. •	Satisfactory	<b>&gt;</b> ( A	•	
A. Loa	girig	1	2	3	NA		
	d Services (if applicable)	1 1	2	3	NA NA		
B. Foo		· · · · · · · · · · · · · · · · · · ·			·		
B. Foo C. Me	d Services (if applicable)	1	2	3 .	NA		
B. Foo C. Mee D. Res	d Services (if applicable) eting rooms and facilities	1	2	3 .	NA NA		
B. Foo C. Mee D. Res E. Day	d Services (if applicable) eting rooms and facilities etrooms	1 1 1	2 2 2	3 3 3	NA NA NA	-	
B. Foo C. Mee D. Res E. Day F. Tim	d Services (if applicable) eting rooms and facilities etrooms of week e of day	1 1 1	2 2 2 2	3 3 3 3	NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc	d Services (if applicable) eting rooms and facilities etrooms of week e of day	1 1 1 1	2 2 2 2 2	3 3 3 3 3	NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc	d Services (if applicable) eting rooms and facilities etrooms of week e of day ation	1 1 1 1 1	2 2 2 2 2 2 2	3 3 3 3 3 3	NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc I. Avail	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking	1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc I. Avail	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking	1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking	1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking	1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking	1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc I. Avail Comm	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking ents:	1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc I. Avail Comm	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking ents:  I would rate this training as:Excellent,	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc I. Avail Comm	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking ents:	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
C. Mee D. Res E. Day F. Time G. Loc H. Acc I. Avail Comm	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking ents:  I would rate this training as:Excellent,	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Time G. Loc H. Acc I. Avail Comm	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking ents:  I would rate this training as:Excellent,	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		
B. Foo C. Mee D. Res E. Day F. Tim G. Loc H. Acc I. Avail Comm	d Services (if applicable) eting rooms and facilities strooms of week e of day ation ess to facility able parking ents:  I would rate this training as:Excellent,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	3 3 3 3 3 3 3	NA NA NA NA NA NA		

## M. Limits of Scope

#### a. Objectives Overview-

Objective based training (often called performance based) has long been the expected training process for licensees in the regulations because it provides consistency and assures that the subject matter prescribed for MCE (and for that matter: Apprentice training) is addressed in full. For this renewal cycle, providers will be asked to implement objective based training.

Objective based training provides a systematic approach to the established repetitive teaching curricula that is based on the job and task sets that the trainee must be able to accomplish at the conclusion of their training. Once properly stated objectives are written for a task or job, the knowledge, skills or abilities can guide the learning to the expected outcome in a measurable way that is easily repeated. Objective based training allows for presentation at many different venues with different methods (large group, small group, lecture, didactic, Socratic, lab, etc.) and still provides the desired outcome. Online, correspondence, or other "non-face" teaching methods are currently not approved for CE for several reasons including accountability, security, interaction for clarity of understanding and content and such courses will not be accepted for credit towards the MCE requirement.

Objectives describe the criteria that the licensee attains. Two levels of objectives usually can describe the training process. The high level objective (the terminal objective, and there may only be one) gives an easy to understand conclusion of what the training is meant to convey. The lower level objectives (the enabling objectives, which may be many) describe the activities necessary to attain the terminal objective. Terminal and enabling objectives establish a hierarchy for the lesson. Terminal means what a licensee can do when the instruction is completed and enabling objectives describe the path to get to the terminal objective. Anything can be taught this way and it is easy to implement. The instructional method can dictate the objective action. An objective is simply a verb, a subject and criteria. An example: "Upon completion of the MCE class, the licensee will be able to use the 2014 MEC to answer questions relating to electrical installations." This terminal terminal objective can be made more specific by stating" answering ten questions on..." or many more modifiers that establish criteria. One of the many enabling objectives could be "Using the 2014 MEC, locate the new changes in article 250 and explain with references to article and section, how the grounding of a service may have changed from the 2011 MEC."

The submittal can have as many or as few objectives that you want, but the long range goal is to define the program with enough objectives so the training will be repeatable and be assured of covering all topics.

The expected outcome of the MCE 15-hr Continuing Education is that everyone can use the current versions of all of the required references to do their jobs safely, in conformance with the requirements, and within the legally require parameters of licensing. An example (the wording can be changed to suit your style) of the terminal objective with criteria, conditions, and action(s):

Upon completion of the 15-hr CE portion of the MCE, the licensee shall be able to use the references (2014 approved MEC, 2014 approved NEC, MA general laws, applicable MA Regulations, BSEE policies and guidelines, applicable fire and security references, and other relevant materials as approved by the BSEE) to locate and explain existing and newly revised electrical and systems licenses that they hold.

Because of the licensing hierarchy that allows system work to be done by electricians and prohibits electrical work from being done by the systems licenses, the scope of the CE classes is slightly different and focuses on the license scope responsibilities. Topics for electricians made go into greater depth than a "C" or "D" licensee may need to hear to do their job. This makes it very important for provides to describe the objectives of each program they teach so that the proper content can be provided to the audience. The review and approval process for providers will involve comparing the objectives to the requirements. Providers will only be approved for the licenses that they properly cover with the MCE.

#### b. Objectives EL/ FA:

Enabling objectives should cover the following tasks:

Objectives	Electricians (EL)	Systems (FA)	
Changes to the NEC	NFPA-70-2014	NFPA-70-2014	
	NFPA-72-2010	NFPA-72-2010	
Changes to the MEC			
Issues relating to Laws	G.L. c. 143, sections 3L, 3P,	G.L. c. 143,	
	G.L. c. 141	G.L. c. 141	
	G.L. c. 147 sections 57-62	G.L. c. 147 sections 57-62	
Issues relating to Regulations	237 CMR sections	237 CMR sections	
237 CMR and 527 CMR	(minimum)12, 17,18	(minimum)12, 17,18	
	527 CMR (all)	527 CMR sections 12 (rules),	
	527 CMR 4 (section 4.04)	527 CMR sections 24, 31, 32	
	527 CMR sections 24, 31, 32		
Related Business	Advertising requirements	Advertising requirements	
. •	Change of address	Change of address	
	Renewal requirements	Renewal requirements	
	including PD entry	including PD entry	
·	Permitting requirements	Permitting requirements	
	Inspection rules	Inspection rules	
	Documenting apprentice hours	Documenting apprentice hours	

	Subcontract vs. employ	Subcontract vs. employ
	Register corporation or dba	Register corporation or dba
	Area of business identified by	Area of business identified by
•	Board	Board
	Board Policies and Guidelines	Changes relating to systems
	Board FAQ's	details
•	OSHA and NFPA – 70E "hot	Board Policies and Guidelines
	items"	Board FAQ's
	·	OSHA and NFPA – 70E "hot
	•	itmes"
Other	Specific complaints	Specific complaints relating to
	Complaint process	the business of systems
	Inspector MCE requirement	Complaint process
	• -	Inspector MCE requirement
		- <del>.</del>
	·	

Lesson content shall be supported by reference materials for the licensees.

### c. Regulations:

237 CMR 1.00-23.00 and 527 CMR 12.00

Additional material and requirements will be provided as needed.

## N. Visuals

The presentation of the subject matter and the format you choose, is your responsibility but subject to approval by the Board. From time to time, visuals and reference pictures, text materials, and other relevant instructional items will need to be used in your presentation. All materials used by the Board and the providers shall be used in such a manner that is compliant with copyright and licensing laws.

### O. Online CEPs

The Board implemented the following policy for online education on June 27, 2016 solely for approval of the CEP programs

- a. Licensees and prospective licensees shall only be allowed to take Board approved online courses provided by authorized educational providers.
- b. No provider may provide an online course unless that course has been preapproved by the Board to meet these and other such requirements deemed by the Board to be necessary for public health, safety, and welfare. No Board online course approvals shall be deemed permanent or grandfathered, courses must always meet the latest Board requirements.
- c. Prior to the beginning of a course, the Board approved outline and orientation shall be provided to the student which shall include, but not be limited to, the following:
  - 1. How credit will be recorded for later access;
  - 2. Technology requirements for completion of the course;
  - 3. Links to school policies, including refund policies;
  - 4. Description of how much time a student has to complete the course;
  - 5. Information about access to content and technical support; and
  - 6. Methods to obtain answers to student questions.
- d. The Board can accept online professional development courses without preapproval so long as the Board can verify the course sponsor otherwise meets these requirements.
- e. Rules for continuing education courses
  - 1. The Board shall only approve online learning courses provided by educational providers which meet the requirements of 237 CMR 17.00.
  - 2. The Board may deny the right to take online learning courses to individuals whose licenses have lapsed or have been subject to discipline.
  - 3. Online continuing education courses must be time-based. This requirement must be met by one of the following means:
    - (i) Instruction is provided by Board approved instructors utilizing a form of communications technology so that during each scheduled class meeting, the Board approved instructor is able to interact with every student in real time;

- (ii) Instruction is provided using technology that ensures that the course may not be completed in less than the number of hours to be credited for the course (for example, if a course is based on a series of slides, a time limit must be set to prohibit bypassing or "click-through" of slides to reach the end of the course without enough time to review each slide); or
- (iii) The course must contain periodic informational multiple choice queries and/or assessments during the course to help the student assess their level of comprehension and ensure understanding. These assessments must be designed to ensure a student could not reasonably complete the assessments without spending the number of hours to be credited for the course reviewing the course content.

#### f. Student Identity Verification

- 1. No online course shall be approved unless the education provider has provided to the Board a mechanism for verifying the identity of students.
- 2. Identities may be verified online by way of the following means:
  - (i) Live video interaction where the student has shown an identification;
  - (ii) The use of unique usernames and passwords along with randomized challenge questions, which may be required both when starting the course and during the progression of the course;
  - (iii) Technology which records and verifies biometric information;
  - (iv)Proctoring or other such monitoring software; OR
  - (v) Such other means of identity verification accepted by the Board.
  - (vi)In order to ensure students are properly trained, the Board shall have the right to impose additional requirements on any Board approved distance or online courses. These requirements may include successfully passing an examination (approved by the Board but administered by the provider) in order to receive course credit. The Board also reserves the right to require providers to give students confidential evaluations to be sent directly to the Board.
  - (vii) The Board reserves the right to withdraw approval of any online courses for any of the following reasons:
    - a. Failure to comply with these or other Board guidelines;
    - b. Inadequate or unprofessional coverage of materials included in the course materials; or
    - c. Unsatisfactory evaluations of the course by instructors or licensees which reasonably calls into question the educational value of the course.

### **CEP Application Review Checklist**

New Program □ Renewal □		Review Method: Do	ocumen	tation 🛘	
<u>Provider Name</u>	Provider Number (if applicable):			Program: Electrical 15 hr Systems 15 hr	
Code Cycle	Not	<u>es</u>			
Submittal items:					
Application Provider Agreement (if applicable Surety Bond Provider Resume (if applicable) Provider evaluation Comment form		Refund policy Attendance policy Recordkeeping Plan Sample CEU Certificate Course Reference list	,	Media Presentation Course curriculum Lesson Plans Schedule Proposal (if available) Instructor Resumes	

Please be advised: Continued approval depends on compliance with Board procedures, policies, rules and regulations and accuracy. Failure to remain in compliance will result in removal of providership.

Providers are required to maintain accurate and complete records of attendance and obtain preapproval of content and process prior to the new code cycle.

## Q. 6hr PD Policy

The Board of Examiners of Electricians voted on May 19, 2014 to adopt the following policy in order to provide guidance to licensees and providers/sponsors regarding requirements for six hour Professional Development courses. The purpose of this policy is to ensure the Professional Development requirement is enforceable, easy to adhere to, and ensures each licensee obtains real educational benefits.

The following provisions apply with respect to the professional development requirement:

- 1. All licensees of the Board must complete a total of six hours of professional development as a condition for license renewal. 237 CMR 17.01(1)(c) Of the required 21 clock hours, six clock hours shall be in areas chosen by the licensee for professional development in the subjects of Electrical Code, business, law, first aid, safety, Building Code, and related topics. Said instruction need not be offered by a Board approved Provider.
- 2. Per Board regulations, Providers or Sponsors may offer professional development courses in hourly increments (i.e. 1 hour, 2 hours, 3 hours, etc.). For purposes of the regulations and this policy, said terms shall mean the following:
  - A. "Providers" Individuals/organizations that have been approved to provide 15 hour Board approved continuing education and have been given access to the database and a Provider number. (see 237 CMR 12.00)
  - B. "Sponsors" Any non-Board approved individual/organization that offers educational classes, seminars, or other relevant courses. (see 237 CMR 17.00)
- 3. Pre-approval by the Board of professional development classes and the hosting Provider or Sponsor is <u>optional</u>. However, the Board may deny credit from certain Providers/Sponsors if there is evidence that the Provider/Sponsor's course or program does not meet the requirements of the Board's regulations or policies or has otherwise violated a local, state, or federal ordinance, regulation, or law in a manner that would impact the educational quality of Professional Development Courses provided by that Provider/Sponsor.
- 4. Pre-Approvals
  - A. Pre-approval by the Board is required IF:
    - (1) The Sponsor wishes to advertise or otherwise guarantee to licensees that a course meets the Board's professional development requirements;

- (2) The Sponsor wishes to advertise that it or its class is Board approved; AND/OR
- (3) The Sponsor wishes to obtain access to the Board's database, thus being able to electronically submit class information directly to the Board.
- B. Providers approved for the 15 hour continuing education requirement are preapproved to provide relevant professional development classes without further Board approval so long as prior to holding the course, the provider sends to the Board the course name, content (brief description), duration, what the certificate of completion looks like, and who the instructor is.
- C. Any Board pre-approvals shall only be granted for one three year Massachusetts Electrical Code cycle and thereafter must be renewed.
- 5. Professional Development courses must be from one of the following subjects: electrical code, business, law, first aid, safety and building code and related topics. See 237 CMR 17.01(1)(a), (b), and (c).
- 6. Sponsors and Providers of Professional Development Courses must issue certificates of completion which complies with all other aspects of the Board's regulations. See 237 CMR 17.02(3)(b)
- 7. The Board will require proof of Professional Development as a condition of license renewal, and may seek this proof of compliance for the last three license renewal cycles. Licensees should be on notice that unless otherwise indicated by their Provider/Sponsor, they will be responsible for sending certificates of completion to the Board.
- 8. A Licensee may not get credit for a Professional Development Course if:
  - A. He/she does not have a certificate of completion from the Sponsor/Provider meeting the requirements of the Board's regulations;
  - B. The topics do not relate to the requirements in 237 CMR 17.01(1)(a), (b), and (c);
  - C. The Board has previously determined that it will not accept courses from a Provider/Sponsor for good cause (such as for violating this policy), or
  - D. The Board has good cause to believe that the course, provider, or sponsor has violated a local, state, or federal ordinance, regulation, or law in a manner that would impact the educational quality of the Professional Development Course taken by the licensee.
- 9. For purposes of enforcement, a licensee denied credit for a Professional Development course because he/she does not have a certificate of completion meeting the requirements of the Board's regulations shall be subject to the same sanctions as those licensees who

failed to take a Professional Development course. Licensees who have been denied credit for a Professional Development Course for reasons 8(B), (C), or (D), above, shall be notified in writing and shall be provided a 30 day grace period to obtain compliant Professional Development.

10. The Board reserves the right to amend or rescind this policy in order to meet the needs of the public and the electrical/systems professions. Board approval and/or acceptance of Professional Development Courses/Providers/Sponsors is explicitly conditioned on meeting the requirements of the Board's regulations as well as this or any successor policies.